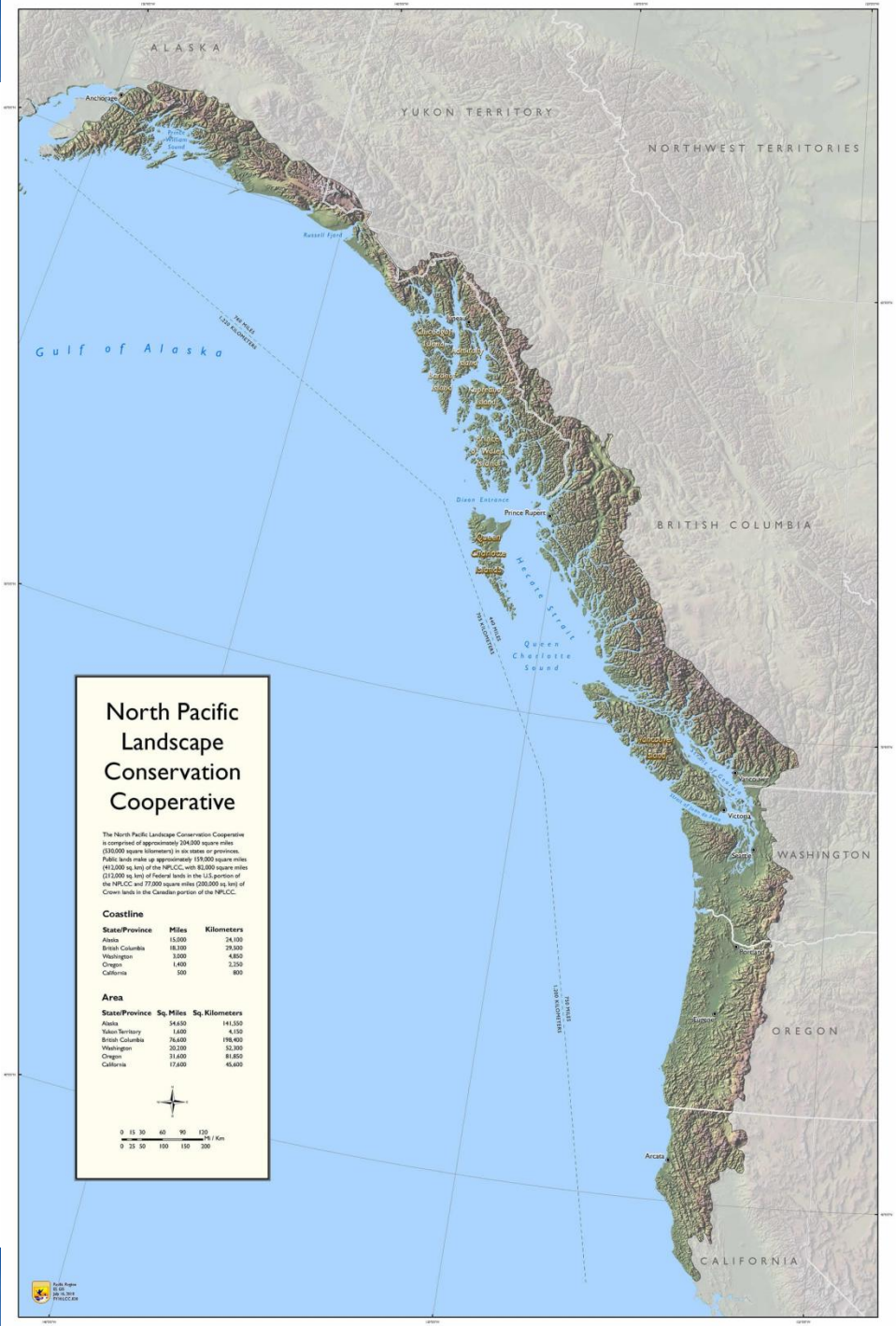
NPLCC

Science and TEK Subcommittee Meeting

Dial 866 628-1318

Participant Code: 6959549

July 10, 2012



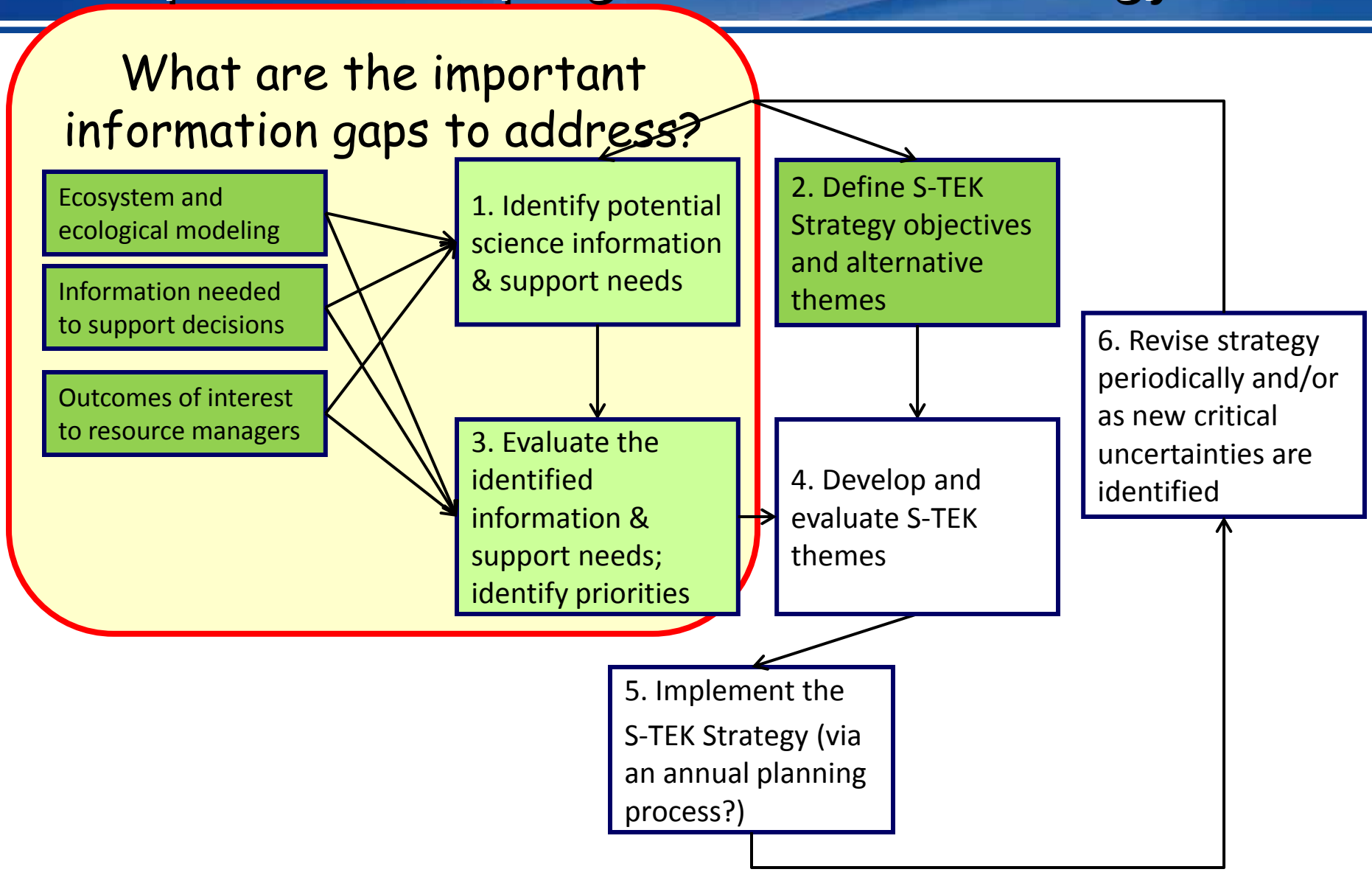
Status of FY12 Activities

- **Data Platform: work group and recommendations**
- **Geographic Information Needs: work group and activities**
- **Conference support recommendations**
- **National Wildlife Federation project**
- **Traditional Ecological Knowledge RFP**

Goals for today

1. **Brief review of results of June 13-14 meeting**
2. **Review results of the Driver-Resource matrix scoring and agree on a short list of potential topics to be evaluated in detail**
3. **Review and test the evaluation criteria (modify as necessary)**
4. **Agree on a process and schedule for completing the evaluation before the 8/10 meeting**
5. **Discuss Strategy document and the Annual Implementation Planning process**

Steps in developing the S-TEK Strategy



Conclusions from June 13-14 meeting

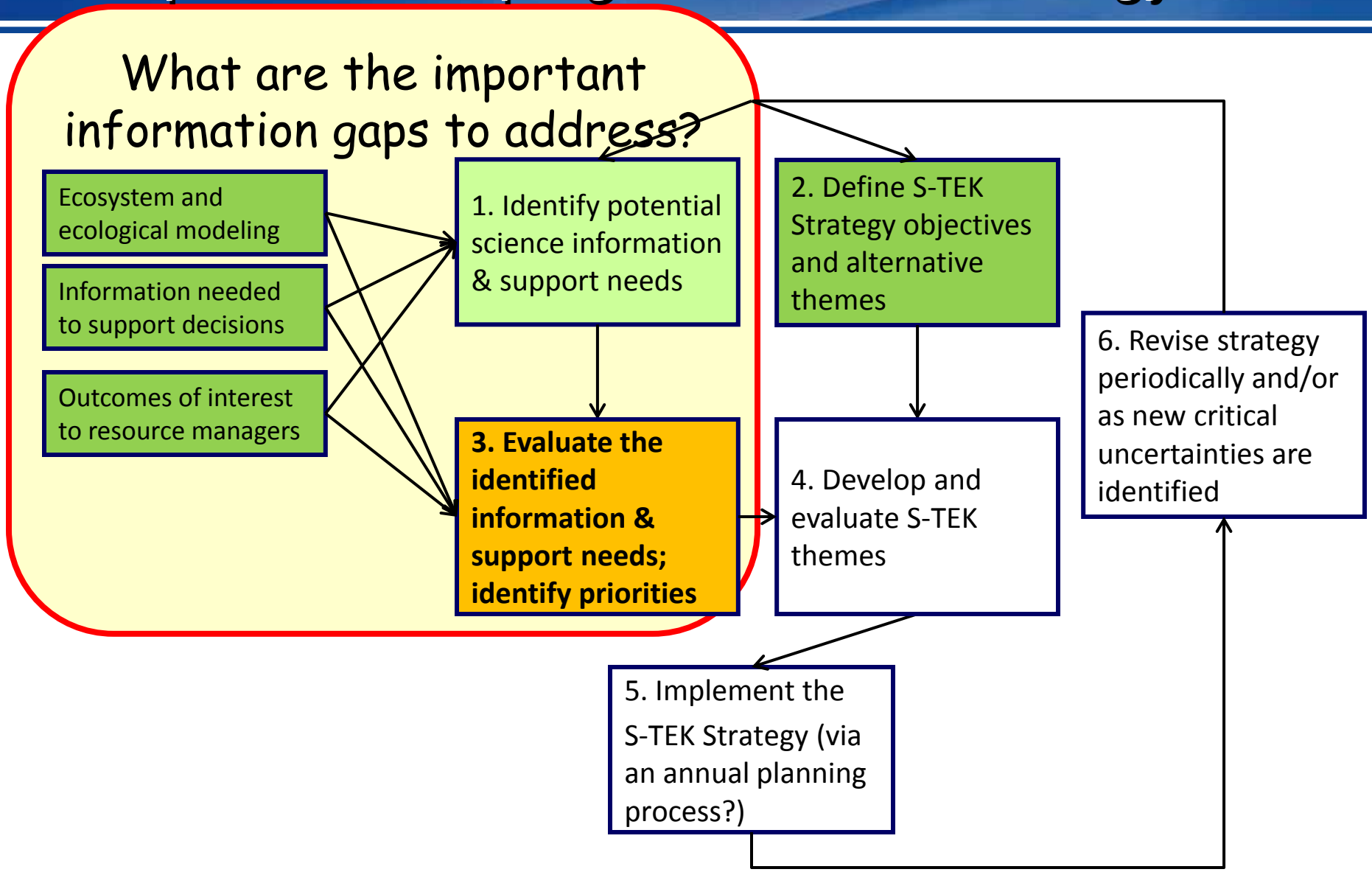
- **Agreed on goals and objectives for the S-TEK strategy**
  - Will be described in the Strategy document & can be reviewed at that time
- **Developed a preliminary set of evaluation criteria for establishing priorities**
  - Will be reviewed and tested today
- **Recognized the importance of including "portfolio-level" considerations within the Strategy; agreed on some criteria to be considered (e.g., understanding the problem AND understanding adaptation/response to the problem)**
  - Still to be determined where these criteria are most relevant: at the Strategy or the Implementation level
  - Will be reviewed and tested today
- **Agreed on the critical importance of providing the "tools, perspectives, and support needed to make effective use of information" in addition to providing "information."**
  - Also identified as a key challenge

Challenges identified during June meeting

- **Separating the NPLCC goal of providing information and support from the fundamental conservation and sustainable resource management goals of the various partner agencies**
- **Defining the appropriate scope for the S-TEK and the S-TEK Strategy, relative to the scope(s) of the Steering Committee and other NPLCC subcommittees**
  - Especially with regard to communication and outreach
- **There is no single, clear organizing principle around which potential information and support needs can be organized at an appropriate level of aggregation for the Strategy**
  - Addressed this by use of the “Impact Matrix”
- **S-TEK members noted that is it easy and tempting to fall into a “science first” perspective in identifying and discussion potential information and support needs and to lose sight of the “support” aspect.**

Review of driver-resource matrix results

Steps in developing the S-TEK Strategy



Evaluation criteria

- **Value of information to decisions**
  - Types of decisions the information could support
  - Importance or sensitivity of the decision (
- **Partnerships**
  - Number of partners or stakeholders with relevant information & tools or who have the need for that information and support
- **Criticality of LCC-level participation (e.g., is not currently be addressed by anyone else)**
  - What else is being done (by whom) related to this topic? (B
  - What type of information and support can the NPLCC provide, that isn't being done by others
- **Timing of need / opportunity for information or support development**
  - Urgency / timing of information needs relative to decision needs
  - Opportunity

Portfolio considerations (to be "scored" along with the evaluation criteria)

- **Geographic relevance of the needs**
  - to States, Provinces, and Tribal/First Nations
- **Geographic scale of the issue**
  - LCC-wide, cross-ecoregions, within a single ecoregion, smaller-than-ecoregion
- **Relevance to different ecosystems**
  - Marine / coastal, Freshwater, Terrestrial
- **Relevance to various outcomes of interest to management**

Evaluation spreadsheet (p. 1)

			Hydrologic Regime - River/Stream	Sea Level - Marine Shoreline	Sea Level - Estuaries	Fire Regime - Forest	Precipitation - Forest	Hydrologic Regime - Anadromous Fish
Value of information for decisions								
	Types of decisions for which the information or support [about the topic] is relevant		(Critical, Useful, Not useful)					
		Protection, mitigation, and restoration of habitats						
		Species management						
		Land use and management						
		Water use and management						
		Protection of cultural and historic resources						
		Infrastructure placement, protection						
		Management / response to disturbances						
	Are decisions related to the topic sensitive?		(yes or no)					
		To biological or human impacts						
		Legally						
		Politically						
Parterships								
	Number of partners who have or need information and support related to the topic		(check one)					
		Information is relevant to the broad suite of LCC partners						
		Information is relevant to the decisions of some (3-5) partners						
		Information is relevant to the decisions of one						
		Information is not relevant to partner decisions						
Criticality of LCC-level participation (e.g., is not currently be addressed by anyone else)								
	Work being done by others?		(Describe who is doing what type of work)					
		Basic data						
		Collaboration and integration						
		Decision support tools						
		Communication						
	What type of information and support can the NPLCC provide (that isn't being done)		(check all that apply)					
		Basic, fundamental, or "new" science, TEK, information, data or modeling (expanding or refining what's known about new or nascent areas						
		Analyses, integration, and coordination of existing data, datasets, models and information						
		Coordination and sharing of related databases and data collection activities, research results, tools, and management lessons among partners, made						
		Understanding of and ability to use relevant information in decision-making (help in using						
		Communicating data/model results/information to various audiences (help with outreach to traditional						
Timing of need / opportunity for information or support								
	Urgency of need relative to decision							
	Opportunity							

Evaluation spreadsheet (p. 2)

			Hydrologic Regime - River/Stream	Sea Level - Marine Shoreline	Sea Level - Estuaries	Fire Regime - Forest	Precipitation - Forest
Portfolio balancing							
Is the information relevant to any of the following?							
Geographic (states and provinces)							
	AK						
	BC						
	WA						
	OR						
	CA						
	Tribal / First Nations						
Ecosystems							
	Marine / Coastal						
	Freshwater						
	Terrestrial						
Geographic scale							
	LCC-wide						
	Cross-ecoregions						
	Within a single ecoregion						
	Smaller-than-ecoregion						
Provides information on various outcomes of interest to management?							
	Habitat quality						
	Species population health						
	Ecosystem function and services						
	Economic benefits from the landscape						
	Water quality and availability						
	Human health and security						
	Education & awareness of climate change						

Test the evaluation process

- **Modify criteria & scales as necessary**

Proposed process & schedule for completing the evaluation

- **Each S-TEK member will evaluate 5 to 10 of the potential priorities from the "short list"**
  - Evaluation spreadsheet and "assignments" distributed by 7/16
  - Competed evaluations to Mary and Karen by 8/3
- **Results summarized for discussion during meeting on 8/10**